AUTHOR INDEX TO VOLUME 137

Agostiano, A., K.A. Butcher, M.S. Showell, A.J. Gotch and F.K. Fong, Dipole-dipole transfer between acetone solvates of chlorophyll a and chlorophyll a dihydrate dimers		
in water/acetone mixtures. A model for P680 sensitized excitation	137 (198	7) 37
Ågren, H. and H.J.Aa. Jensen, An efficient method for the calculation of generalized over-		
lap amplitudes for core photoelectron shake-up spectra	137 (198	7) 431
Ahlrichs, R., see K.P. Sagarik	137 (198	7) 96
Aldoroty, R.A., see R.J. Hawkins	137 (198	7) 83
Anderson, S.L., see S.A. Ruatta	137 (198	7) 5
André, JM., see E.G. Derouane	137 (198	7) 336
Anisimov, O.A., J.M. Warman, M.P. de Haas and H. de Leng, The effect of accumulated		
dose on the lifetime of the highly mobile positive charge carriers formed in irradiated		
cyclohexane and trans-decalin	137 (198	7) 365
Anner, O., E. Zarura and Y. Haas, Jet-cooled exciplexes: cyanoanthracene with 2,5-		
dimethyl-2,4-hexadiene	137 (198	7) 121
Antonetti, A., see J.W. Petrich	137 (198)	7) 369
Aoyagi, M., see Y. Kubozono	137 (198	
Arai, S., see P. Ma	137 (198)	
Archer, B.J., see G.A. Parker	137 (198)	
Armentrout, P.B., see R. Georgiadis	137 (1987	,
Asaad, A.N. and P. Krebs, Optical properties of excess electrons and the kinetics of their	(,
reaction with benzene in 1,4-dioxane/water mixtures	137 (1987	7) 553
Ata, M., see Y. Kubozono	137 (1987	
Bagratashvili, V.N., V.N. Burimov, S.I. Ionov, A.P. Sviridov, A.A. Stuchebrukhov and		
I.M. Turovetz, Infrared spectroscopy and intramolecular vibrational relaxation of c-C ₆ F ₁₂		
excited above the dissociation threshold	137 (1987	7) 45
Ballard, R.E., J. Jones, D. Read, A. Inchley and M. Cranmer, He(I) photoelectron studies	(,
of liquids and gases	137 (1987	1) 125
Baranowski, A., see K. Jerie	137 (1987	*
Bartlett, R.J., see S. Pal	137 (1987	
Bassez, MP., see G.W. Robinson	137 (1987	
Baumann, D., T. Ulrich and U.E. Steiner, Time-resolved investigation of singlet radical	10, (1)0,	,
pair recombination in water-in-oil microemulsions: magnetic field effects in two time		
domains	137 (1987) 113
Bawagan, A.O. and C.E. Brion, Orbital imaging of the "lone pair" electrons in N(CH ₃) ₃ ,	15, (150,	, 113
NH ₃ and NF ₃ by electron momentum spectroscopy	137 (1987	573
Bérces, T., see G. Lendvay	137 (1987	
Blasse, G., see M. Buijs	137 (1987	*
Böhm, M.C. and A.M. Oleś, Transferability of interatomic correlation energies	137 (1987	*
Breckenridge, W.H. and JH. Wang, Dynamics of the reactions of Mg(3s3p 1P1) with H2,	13/ (190/	, 100
	137 (1987	105
HD, and D ₂ : rotational quantum state distributions of MgH (MgD) products	13/ (190/	, 193

Volume 137, number 6	CHEMICAL PHYSICS LETTERS	3 July 198
Breton, J., see J.W. Petrich		137 (1987) 369
Brewer, J.H., see P.W. Percival		137 (1987) 398
Brickmann, J., Y.M. Engel and R.	D. Levine, The distribution of intensities in a vibrational	
spectrum: a model computation	onal study of the transition to classical chaos	137 (1987) 441
Brion, C.E., see A.O. Bawagan		137 (1987) 573
Brose, KH., T. Luty and C.J. Ed	ckhardt, Lattice dynamical approach to the phase tran-	
sition in A-TCNB charge-tran		137 (1987) 17
Buckley, C.D. and K.A. McLauchl	an, The influence of ST_{-1} mixing in spectra which exhibit	
electron spin polarization (CI	DEP) from the radical pair mechanism	137 (1987) 86
Buenker, R.J., see R.A. Phillips		137 (1987) 157
Buijs, M., J.I. Vree and G. Blasse	, Energy migration in one-dimensional Li ₆ Eu(BO ₃) ₃	137 (1987) 381
Burak, I., see A. Gedanken		137 (1987) 587
Burimov, V.N., see V.N. Bagratas	shvili	137 (1987) 45
Butcher, K.A., see A. Agostiano		137 (1987) 37
Cao, C., see R. Chen (Y.T. Chen		137 (1987) 471
	and G.J.T. Tiddy, Comment on "Observations of a van-	
	phase diagram of solutions of a mixed non-ionic-ionic	127 (1007) 100
amphiphile"	Tentardini FUT study of hydrogen chemisoration on	137 (1987) 188
Pt-Au(111) bimetallic clusters	Tantardini, EHT study of hydrogen chemisorption on	137 (1987) 234
	G. Saba, A ²³ Na and ³¹ P NMR investigation of the bind-	137 (1967) 234
ing of Ni ²⁺ to Na-DNA	J. Saba, A Na and F NWK investigation of the bind-	137 (1987) 533
Chandler, D.W., see T.A. Spiglan	in	137 (1987) 414
	constraints on the final state interaction in photodisso-	137 (1907) 414
	ve mechanism of NO ₂ at 337 nm	137 (1987) 361
Chen, T.T., see Y.C. Chou	ve mechanism of 1402 at 337 mm	137 (1987) 386
	. Du, C. Cao, D. Yin, S. Wang and T. Zhang, Linear free	137 (1967) 360
	te constants and basicities of N-substituted phenyl gly-	
cines in positronium-glycine co		137 (1987) 471
	C.S. Kuo and T.T. Chen, The effects of protonation on	137 (1907) 4/1
	scattering from ATP molecules adsorbed on the Ag	
electrode		137 (1987) 386
Chu, S.Y., see SL. Lee		137 (1987) 279
Cioslowski, J., Steepest descent pe	rturbation theory for a non-linear Schrödinger equation	
describing the solvent-molecul	e interaction	137 (1987) 78
Cline, J.I., see N. Sivakumar		137 (1987) 403
Comes, F.J., see KH. Gericke		137 (1987) 510
Cox, R.A., see M.E. Jenkin		137 (1987) 548
Cox, S.F.J., see P.W. Percival		137 (1987) 398
Cranmer, M., see R.E. Ballard		137 (1987) 125
Das, P.K., see H. Hiratsuka		137 (1987) 255
Daskalakis, M.F., see C.E. Dykstr	a	137 (1987) 266
	Wiersma, Optical dynamics of condensed molecular	, , , , , ,
	oton-echo and hole-burning study of the J aggregate	137 (1987) 99
De Haas, M.P., see O.A. Anisimo		137 (1987) 365
		()

and ²Π states of NO²⁺"

Fraser, I.F. and R.D. Peacock, The excited-state geometry of [Re₂Cl₈]²

in gaseous NO: a synchrotron radiation study

Freund, H.-J., H. Kossmann and V. Schmidt, Photoionization of inner valence electrons

137 (1987) 596

137 (1987) 583

137 (1987) 425

Volume 137, number 6	CHEMICAL PHYSICS LETTERS	3 July 198
Fricke, B., see D. Heinemann		137 (1987) 180
	er, Solution of the Pauli master equation via the Lanczos	(22.01)
algorithm		137 (1987) 285
Friesner, R.A., see M.S. Friedric	hs	137 (1987) 285
dimeric pyrene in the adsorbe	physics on solid surfaces. Ground state configuration of ed state on a silica gel surface and geometrical relaxation	
for excimer formation		137 (1987) 448
Cordner IM and MI Lester	Resonant photoionization spectroscopy of refractory	
metal-rare gas complexes: Al		137 (1987) 301
Garner, D.M., see P.W. Percival		137 (1987) 398
	cular dichroism of the A band in CF ₃ I, C ₂ H ₅ I and t-BuI	137 (1987) 462
Gedanken, A. and I. Burak, The	magnetic circular dichroism of the ${}^{1}\Sigma^{+} \rightarrow {}^{1}\Delta$ transition in	,
carbonyl sulfide		137 (1987) 587
George, T.F., see Z.C. Wu	A CHARLES AND CHARLES	137 (1987) 291
	out, Multiphoton ionization of VOCl ₃	137 (1987) 144
Georgian, T., see J.A. Wilder	W	137 (1987) 345
	Homann, Polyhedral carbon ions in hydrocarbon flames Comes, Rotational anisotropy and product state distri-	137 (1987) 306
bution in the photodissociatio	n of deuterium peroxide	137 (1987) 510
Gilat, G., Chiral interaction and	thermodynamics	137 (1987) 492
Girard, C., see C. Girardet		137 (1987) 149
	cture registry condition for the interaction energy between	
two solids		137 (1987) 149
Gliński, J., see K. Jerie		137 (1987) 42
	nd A. Pines, Assignment of dipolar couplings and esti-	
· Control of the cont	babilities in partially oriented hexane	137 (1987) 51
Gondo, Y., see Y. Kubozono		137 (1987) 467
Goodby, J.W., see J.S. Patel		137 (1987) 91
Gotch, A.J., see A. Agostiano	· WY I I Decide the later	137 (1987) 37
	nies and M. Vodegel, Determination of the absolute scat-	127 (1007) 524
	ction D+H ₂ $(v=1) \rightarrow HD+H$ at 0.33 eV	137 (1987) 524
Grabowski, Z.R., see C. Rullière	Seests Collective small amplitude proton motions in	137 (1987) 408
the hydration shells of aqueous	S. Sceats, Collective small-amplitude proton motions in	127 (1007) 527
the hydration shells of aqueous	s alcohol solutions	137 (1987) 537
Haas, Y., see O. Anner		137 (1987) 121
Hamaguchi, H., see T. Urano		137 (1987) 559
Hanley, L., see S.A. Ruatta		137 (1987) 5
Hartree, W.S., see A. Kvaran		137 (1987) 209
Hasegawa, K., see Y. Tanimoto		137 (1987) 330
Hasse, J., see H. Stegemeyer		137 (1987) 516
Hawkins, R.J. and R.A. Aldoroty,	The osmotic bulk modulus of a colloid crystal of infinite	
rod-like molecules		137 (1987) 83
	Fricke, H ₂ solved by the finite element method	137 (1987) 180
Hemminger, J.C., see M.G. Shern	nan	137 (1987) 298
Herrero, V., see R. Götting		137 (1987) 524

Hiberty, Ph.C., see G. Ohanessian	137 (1987) 437
Hiratsuka, H., S. Rajadurai, P.K. Das, G.L. Hug and R.W. Fessenden, Evidence for non-radiative triplet-doublet energy transfer in the naphthalene-benzophenone system in	
tetrahydrofuran	137 (1987) 255
Hoff, A.J., see P.J. Hore	137 (1987) 495
Holroyd, R.A., see R.C. Muñoz	137 (1987) 250
Homann, K.H., see Ph. Gerhardt	137 (1987) 306
Hore, P.J., D.A. Hunter, C.D. McKie and A.J. Hoff, Electron paramagnetic resonance of	12. (120.) 200
spin-correlated radical pairs in photosynthetic reactions	137 (1987) 495
Hug, G.L., see H. Hiratsuka	137 (1987) 255
Hunter, D.A., see P.J. Hore	137 (1987) 495
Huo, W.M., see H. Rudolph	137 (1987) 521
Imajo, T., K. Shibuya and K. Obi, Rotational energy transfer in the NO A $^2\Sigma^+(v'=0)$ state	
with He and Ar	137 (1987) 139
Inchley, A., see R.E. Ballard	137 (1987) 125
Ionov, S.I., see V.N. Bagratashvili	137 (1987) 45
Itoh, K., see K. Nakagawa	137 (1987) 458
Itoh, M., see Y. Tanimoto	137 (1987) 330
Janda, K.C., see N. Sivakumar	137 (1987) 403
Janke, W. and H. Kleinert, The effective classical potential of the double-well potential	137 (1987) 162
Jaworska-Augustyniak, A., J. Karolczak, A. Maciejewski and J. Wojtczak, Determination of the quantum yield for the formation of the T ₁ state of ferrocene by sensitized iso-	
merization of phenylosazone D-glucose	137 (1987) 134
Jelski, D.A., see Z.C. Wu	137 (1987) 291
Jenkin, M.E. and R.A. Cox, Kinetics of the gas-phase reaction of OH with nitrous acid	137 (1987) 548
Jensen, H.J.Aa., see H. Ågren	137 (1987) 431
Jerie, K., A. Baranowski, B. Rozenfeld, K. Orzechowski and J. Gliński, Positron annihi-	
lation in the vicinity of the critical solution point of methanol-cyclohexane mixtures	137 (1987) 42
Jirkovský, J., see A. Fojtík	137 (1987) 226
Jones, J., see R.E. Ballard	137 (1987) 125
Kanamaru, N., Long-lived fluorescence decay components in glyoxal	137 (1987) 487
Karim, O.A. and B.M. Pettitt, Two-dimensional fluids in a periodic external potential:	
intercalation in graphite	137 (1987) 72
Karolczak, J., see A. Jaworska-Augustyniak	137 (1987) 134
Kasuya, T., see K. Tsukiyama	137 (1987) 315
Keaton, G.L., N.S. Nogar and S.W. Downey, An optogalvanic study of Rydberg oxygen	
atoms	137 (1987) 26
Kiefl, R.F., see P.W. Percival	137 (1987) 398
Klee, S., see KH. Gericke	137 (1987) 510
Kleinert, H., see W. Janke	137 (1987) 162
Klots, C.E., Enthalpy conversion in sonic-nozzle expansions	137 (1987) 353
Kobayashi, S., see M. Yamashita	137 (1987) 578
Kobayashi, T., see M. Terauchi	137 (1987) 319
Kolb, D., see D. Heinemann	137 (1987) 180
Note, D., See D. Hememann	15, (1707) 100

volume 137, number o	· CHEMICIE III GICO DE L'ELG
Koplitz, B., Z. Xu and C. Wittig, Pro	duct energy distributions from the 193 nm photo-
dissociation of NH ₃	137 (1987) 505
Kossmann, H., see HJ. Freund	137 (1987) 425
Krebs, P., see A.N. Asaad	137 (1987) 553
Kreitzman, S.R., see P.W. Percival	137 (1987) 398
Krikor, H., see A. Stesmans	137 (1987) 261
	Y. Gondo, The ESR spectra of p-benzosemiquinone
radical anion included in cyclodext	
Kumar, A., see N. Murali	137 (1987) 324
Kuo, C.S., see Y.C. Chou	137 (1987) 386
Kuper, C.G., see D.S. Tannhauser	137 (1987) 491
Kusunoki, I., see K. Yamashita	137 (1987) 193
	ree and J.P. Simons, Chemiluminescent reactions of
	with N ₂ O, SCO and SeCO: spectroscopy and energy
disposal in rare gas oxide, sulphide	
disposai in rare gas oxide, surpinee	and selentee exemicis
Laarhoven, W., see H. Stegemeyer	137 (1987) 516
Lacey, A.R., see J.L. Green	137 (1987) 537
Lai, A., see M. Casu	137 (1987) 533
Land, D.P., see M.G. Sherman	137 (1987) 298
Largo-Cabrerizo, J., see J.R. Flores	137 (1987) 482
	Optical spectrum of the icosahedral C ₆₀ - "follene-
60"	137 (1987) 501
László, B., see G. Lendvay	137 (1987) 175
Lee, J., see G.W. Robinson	137 (1987) 376
	u, Topological analysis of eigenvectors of the adja-
cency matrices in graph theory: the	
LeGrange, J.D., see S.B. Dierker	137 (1987) 453
	Theoretical study of $X+H_2\rightarrow XH+H$ and reverse
	new empirical potential energy surface 137 (1987) 175
Leng, C.A., see M. Carvell	137 (1987) 188
Leng, F.J., see M. Carvell	137 (1987) 188
Lester, M.I., see J.M. Gardner	137 (1987) 188
Levine, R.D., see J. Brickmann	137 (1987) 301
Liang, J., see R. Chen (Y.T. Chen)	137 (1987) 441
Liang, N.T., see Y.C. Chou	137 (1987) 386
Liu, S., see C.E. Dykstra	137 (1987) 366
Löffler, S., see Ph. Gerhardt	137 (1987) 200
Lorencak, P., see C. Wentrup	137 (1987) 241
Lucas, A.A., see E.G. Derouane	137 (1987) 336
Lucchese, R.R., see SL. Lee	137 (1987) 279
Lucia, J.P., see C.E. Dykstra	137 (1987) 266
Ludviksson, A., see A. Kvaran	137 (1987) 209
Luke, G.M., see P.W. Percival	137 (1987) 398
Luty, T., see KH. Brose	137 (1987) 17
Ma D V Susite and S Ami Winks	estive 13C competion by CO. Icon induced ID1 (DD
	ective ¹³ C separation by CO ₂ -laser-induced IRMPD
of CF ₂ Cl ₂ /HI and CF ₂ ClBr/HI mixt	137 (1987) 590

Maciejewski, A., see A. Jaworska-Augustyniak	137 (1987) 134
Maier, J.P., see M. Tsuji	137 (1987) 421
Maquestiau, A., see C. Wentrup	137 (1987) 241
March, R.E., see P.G. Fournier	137 (1987) 596
Märk, T.D. and P. Scheier, Production and stability of neon cluster ions up to Ne ₉₀	137 (1987) 245
Markovitsi, D., TH. Tran-Thi, R. Even and J. Simon, Near infrared absorption spectra	
of lanthanide bis-phthalocyanines	137 (1987) 107
Martin, J.L., see J.W. Petrich	137 (1987) 369
McCoustra, M.R.S. and J. Pfab, Photodissociation of methyl and t-butyl thionitrite near	
450 nm	137 (1987) 355
McCoustra, M.R.S., see J.A. Dyet	137 (1987) 398
McIver Jr., R.T., see M.G. Sherman	137 (1987) 298
McKie, C.D., see P.J. Hore	137 (1987) 495
McKoy, V., see H. Rudolph	137 (1987) 521
McLauchlan, K.A., see C.D. Buckley	137 (1987) 86
Meloni, C., see M. Casu	137 (1987) 533
Merati, F., see G. Casalone	137 (1987) 234
Moini, M. and J.R. Eyler, Formation of gold cluster cations by direct laser vaporization	137 (1987) 311
Morokuma, K., see K. Yamashita	137 (1987) 193
Mukherjee, D., see S. Pal	137 (1987) 273
Munakata, T., see K. Tsukiyama	137 (1987) 315
Muñoz, R.C. and R.A. Holroyd, Measurement of the Hall mobility of injected electrons	
in liquid tetramethylsilane between 22 and 164°C	137 (1987) 250
Murali, N. and A. Kumar, Coherence transfer via longitudinal spin order and generalized	
pulse pair filtering for pure phase two-dimensional NMR spectroscopy	137 (1987) 324
Murray, C.A., see S.B. Dierker	137 (1987) 453
Nagels, P., see A. Stesmans	137 (1987) 261
Nagy, J.B., see E.G. Derouane	137 (1987) 341
Nakagawa, K., K. Itoh and M. Nishikawa, Conduction band energy V_0 in dense fluids of	15. (1701) 511
n- and iso-butanes	137 (1987) 458
Nishikawa, M., see K. Nakagawa	137 (1987) 458
Nishimura, Y., see M. Tsuji	137 (1987) 421
Nishiyama, K., see P.W. Percival	137 (1987) 398
Nogar, N.S., see G.L. Keaton	137 (1987) 26
rogar, res., see G.E. Reaton	137 (1707) 20
Obase, H., see M. Tsuji	137 (1987) 421
Obi, K., see T. Imajo	137 (1987) 139
Ogilvie, J.F., see L. Farnell	137 (1987) 191
Ohanessian, G. and Ph.C. Hiberty, Orthogonalized atomic orbitals and the interpretation	
of valence bond wavefunctions	137 (1987) 437
Oleś, A.M., see M.C. Böhm	137 (1987) 166
Orzechowski, K., see K. Jerie	137 (1987) 42
Pack, R.T., see G.A. Parker	137 (1987) 564
Pal, S., M. Rittby, R.J. Bartlett, D. Sinha and D. Mukherjee, Multireference coupled-clus-	
ter methods using an incomplete model space: application to ionization potentials and	
excitation energies of formaldehyde	137 (1987) 273

Volume 137, number 6	CHEMICAL PHYSICS LETTERS	3 July 1987
Pan, R.L., see Y.C. Chou		137 (1987) 386
Parker, D.H., see T.A. Spiglanin		137 (1987) 414
Parker, G.A., R.T Pack, B.J. Arch	her and R.B. Walker, Quantum reactive scattering in three	
dimensions using hyperspheri	ical (APH) coordinates. Tests on $H+H_2$ and $D+H_2^*$	137 (1987) 564
Patel, J.S. and J.W. Goodby, The	e dependence of the magnitude of the spontaneous polar-	
ization on the cell thickness i	n ferroelectric liquid crystals	137 (1987) 91
Peacock, R.D., see I.F. Fraser		137 (1987) 583
Pei, C., see K. Chen		137 (1987) 361
J.H. Brewer, K. Nishiyama and	R. Kreitzman, D.M. Garner, S.F.J. Cox, G.M. Luke, d K. Venkateswaran, Muon level-crossing spectroscopy of Letters 133 (1987) 465. Erratum	
	rtin and A. Antonetti, Femtosecond absorption spectros-	
copy of light-adapted and dar		137 (1987) 369
	nes, Fe[5NO ₂ -sal-N(1,4,7,10)]: a new iron(II) complex	
	p spin conversion afforded by a hexadentate ligand with	
a N ₄ O ₂ donor set	, , , , , , , , , , , , , , , , , , , ,	137 (1987) 21
Pettitt, B.M., see O.A. Karim		137 (1987) 72
Pfab, J., see M.R.S. McCoustra		137 (1987) 355
Pfab, J., see J.A. Dyet		137 (1987) 398
	Factors involved in the accurate calculation of oscillator	
strengths: the A B1-X A1 tra		137 (1987) 157
	in Haelst, The role of water in the dual luminescence of	
4-N,N-dimethylaminobenzoni		137 (1987) 130
Pines, A., see M. Gochin		137 (1987) 51
	of bend level structure of resonances in 3D H+H ₂ reac-	
tive scattering	visul action	137 (1987) 171
Pople, J.A., The structure of the	·	137 (1987) 10 137 (1987) 229
	ditivity of interactions in cation-water systems	
eration and ionisation process	T. Efthimiopoulos and C. Fotakis, Third-harmonic gen- ses in Kr	137 (1987) 223
Rajadurai, S., see H. Hiratsuka		137 (1987) 255
Read, D., see R.E. Ballard		137 (1987) 125
Rittby, M., see S. Pal		137 (1987) 273
	P. Bassez, Cooperativity in liquid water	137 (1987) 376
	The radiative lifetime of AlCl A ¹ Π	137 (1987) 219
Root, T.W. and T.M. Duncan, Cl	haracterization of hydrogen on silica-supported rhodium	
with ¹ H NMR spectroscopy		137 (1987) 57
Rosén, A., see S. Larsson		137 (1987) 501
Rotti, M., see A. Stesmans		137 (1987) 261
Rozenfeld, B., see K. Jerie		137 (1987) 42
	Anderson, Size-dependent barriers for reaction of alu-	
minum cluster ions with oxyge	The state of the s	137 (1987) 5
	oy and W.M. Huo, $(2+1)$ REMPI of NO via the D ² Σ ⁺	
state: rotational branching rati		137 (1987) 521
	d J. Dobkowski, Picosecond absorption spectra of car-	
honyl derivatives of dimethyle	aniline: the nature of the TICT excited states	137 (1987) 408

Volume 137, number 6	CHEMICAL PHYSICS LETTERS	3 July 1987
Saba, G., see M. Casu		137 (1987) 533
Sagarik, K.P. and R. Ahlrichs, M.	Molecular dynamics simulations of liquid CHClF2 with a	
test-particle model potential,	Chem. Phys. Letters 131 (1986) 74. Erratum	137 (1987) 96
Sato, T., see M. Yamashita		137 (1987) 578
Sceats, M.G., see J.L. Green		137 (1987) 537
Schäfer, F.P., see S. Szatmari		137 (1987) 1
Scheier, P., see T.D. Märk		137 (1987) 245
Scherer, P.O.J. and S.F. Fischer,	Application of exciton theory to optical spectra of sodium	
borohydride treated reaction	centres from Rhodobacter sphaeroides R26	137 (1987) 32
Schlotter, N.E., see S.B. Dierker		137 (1987) 453
Schmidt, V., see HJ. Freund		137 (1987) 425
Sekiya, H., see M. Tsuji		137 (1987) 421
Serebrennikov, Yu.A., Zero-field	NMR and NQR line shapes	137 (1987) 183
Setser, D.W., see J. Xu		137 (1987) 63
Sherman, M.G., D.P. Land, J.C	. Hemminger and R.T. McIver Jr., Laser-driven thermal	
reactions of ethylidyne on pla	atinum	137 (1987) 298
Shibuya, K., see T. Imajo		137 (1987) 139
Shibuya, T. and M. Yoshitani, T	Two icosahedral structures for the C ₆₀ cluster	137 (1987) 13
Shimizu, E., see T. Fujii		137 (1987) 448
Showell, M.S., see A. Agostiano		137 (1987) 37
Simon, J., see D. Markovitsi		137 (1987) 107
Simonetta, M., see G. Filippini		137 (1987) 295
Simons, J.P., see A. Kvaran		137 (1987) 209
Singel, D.J., see H.L. Flanagan		137 (1987) 391
Sinha, D., see S. Pal		137 (1987) 273
Sivakumar, N., D.D. Evard, J.I.	Cline and K.C. Janda, Direct measurement of the vibra-	
tional predissociation lifetime	e of NeBr ₂ in the ground electronic state	137 (1987) 403
Slagle, A.R., see J. Xu		137 (1987) 63
Spiglanin, T.A., D.W. Chandler	and D.H. Parker, Mass-resolved laser ionization spec-	
troscopy of HCl		137 (1987) 414
Stegemeyer, H., J. Hasse and W	Laarhoven, Polarization of the monomer and excimer	
fluorescence of pyrene deriva	tives in liquid-crystalline hosts	137 (1987) 516
Steiner, U.E., see D. Baumann		137 (1987) 113
Stesmans, A., M. Rotti, H. Kriko	or and P. Nagels, Electron spin resonance of phenylethy-	
nylcopper coordination polyn		137 (1987) 261
Stockdale, J.A.D., see M.J. Proc	tor	137 (1987) 223
Stockdale, J.A.D., Dissociation of	internally excited UF 6 ions in collision with argon atoms	137 (1987) 399
Stuchebrukhov, A.A., see V.N. B		137 (1987) 45
Sugita, K., see P. Ma		137 (1987) 590
Suppan, P., see D. Pilloud		137 (1987) 130
Sviridov, A.P., see V.N. Bagratas	shvili	137 (1987) 45
	uantum beats observed in stimulated emission in XeCl	137 (1987) 1

Tanimoto, Y., M. Takashima, K. Hasegawa and M. Itoh, Magnetic field effects on the

intramolecular hydrogen abstraction reaction of polymethylene-linked systems

Takahashi, M., see C.E. Dykstra

Takashima, M., see Y. Tanimoto

137 (1987) 266

137 (1987) 330

137 (1987) 330

Volume 137, number 6	CHEMICAL PHYSICS LETTERS	3 July 1987
Tannhauser, D.S. and C.G. Ku	aper, Chirality and the second law of thermodynamics	137 (1987) 491
Tantardini, G.F., see G. Casale	one	137 (1987) 234
Tasumi, M., see T. Urano		137 (1987) 559
Terauchi, M. and T. Kobayash	i, Lasing and gain properties of a giant dipole molecule: 1-	
	nenyl)-4-(p-nitrophenyl)-1,3-butadiene	137 (1987) 319
Tiddy, G.J.T., see M. Carvell		137 (1987) 188
Toennies, J.P., see R. Götting		137 (1987) 524
Torizuka, K., see M. Yamashit		137 (1987) 578
Tran-Thi, TH., see D. Marko		137 (1987) 107
Trifunac, A.D., see D.W. Wers	st	137 (1987) 475
Tsuchiya, S., see T. Urano		137 (1987) 559
of OCS ⁺ ($\tilde{A}^2\Pi_{\Omega}(0^0)$: $\Omega=1$	e, H. Sekiya and Y. Nishimura, The rotational distribution (2, 3/2) produced from the charge-transfer reaction of	
$Ar^+(^2P_{3/2})$ with OCS at the		137 (1987) 421
Tsukakoshi, M., see K. Tsukiya		137 (1987) 315
	M. Tsukakoshi and T. Kasuya, Fluorescence lifetimes of sin-	
gle rotational levels of NO I		137 (1987) 315
Tuchagues, JP., see V. Petrou		137 (1987) 21
Turovetz, I.M., see V.N. Bagra	tashvili	137 (1987) 45
Ulrich, T., see D. Baumann		137 (1987) 113
	Γasumi, K. Yamanouchi and S. Tsuchiya, Isotope effect on tra of jet-cooled S ₁ trans-stilbene and its 1,2- ¹³ C-substituted	
analogue: vibrational mode	assignments	137 (1987) 559
Van den Berg, R. and S. Völker	r, Optical homogeneous linewidths of resorufin in ethanol	
glass: an apparent contradic	tion between hole-burning and photon-echo results?	137 (1987) 201
Van Haelst, L., see D. Pilloud	•	137 (1987) 130
Venkateswaran, K., see P.W. P.	ercival	137 (1987) 398
Vink, K.J., see S. de Boer		137 (1987) 99
Vodegel, M., see R. Götting		137 (1987) 524
Völker, S., see R. van den Berg		137 (1987) 201
Volosov, A., see S. Larsson		137 (1987) 501
Vree, J.I., see M. Buijs		137 (1987) 381
Walker, R.B., see G.A. Parker		137 (1987) 564
Wang, JH., see W.H. Brecken	ridge	137 (1987) 195
Wang, S., see R. Chen (Y.T. Cl		137 (1987) 471
Warman, J.M., see O.A. Anisin		137 (1987) 365
Wentrup, C., P. Lorencak, A. M.	Maquestiau and R. Flammang, $C_2H_2N_2$ isomers in the gas $H_2=N-CN$ and $HN=CH-CN$ by collisional activation mass	(170.)
spectrometry		137 (1987) 241
Werst, D.W. and A.D. Trifunac	, Radical formation in the pulse radiolysis of liquid cyclo-	
hexane. Time-resolved EPR-		137 (1987) 475
Wiersma, D.A., see S. de Boer		137 (1987) 99
	and G.L. Findley, Systematic corrections to the	
Born-Oppenheimer approxi		137 (1987) 345

Volume 137, number 6	CHEMICAL PHYSICS LETTERS	3 July 1987
Wittig, C., see B. Koplitz		137 (1987) 505
Wojtczak, J., see A. Jaworska-Aug	gustyniak	137 (1987) 134
	eorge, Vibrational motions of Buckminsterfullerene	137 (1987) 291
of vibrational or electronic ener	nd J.C. Ferrero, Control of product channels by addition rgy to the reactions of Xe(6s) atoms with CF ₃ Cl, CF ₂ Cl ₂	
and CF ₂ HCl molecules		137 (1987) 63
Xu, Z., see B. Koplitz		137 (1987) 505
Yabushita, S., see K. Yamashita		137 (1987) 193
Yamanouchi, K., see T. Urano		137 (1987) 559
Yamashita, K., S. Yabushita, K. M.	forokuma and I. Kusunoki, Reply to Comment by Far-	
nell and Ogilvie on "Ab initio	calculations of doublet states of NH+"	137 (1987) 193
Yamashita, M., S. Kobayashi, K.	Torizuka and T. Sato, Observation of the diffusion-free ethyl adenine in aqueous solution by picosecond time-	
resolved spectroscopy		137 (1987) 578
Yin, D., see R. Chen (Y.T. Chen)		137 (1987) 471
Yoshitani, M., see T. Shibuya		137 (1987) 13
Yurtsever, E., The least-squares st	abilization method for resonance eigenvalues	137 (1987) 569
Zarura, E., see O. Anner		137 (1987) 121
Zhang, T., see R. Chen (Y.T. Che	en)	137 (1987) 471
Zimmermann, H., see M. Gochin		137 (1987) 51



